

CLAIMS

1. An information terminal device comprising a first internal memory for storing identification information to identify a storage medium, which identification information is read from the storage medium, the storage medium being detachably installed in the information terminal device.

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2. The information terminal device as claimed in claim 1 further comprising:

storing operation control means for permitting a storing operation of storing the identification information in the first internal memory if the identification information is not stored in the first internal memory, and for forbidding or limiting the storing operation after the identification information has been stored in the first internal memory.

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3. The information terminal device as claimed in claim 2, wherein the storing operation control means permits the storing operation of storing the identification information in the first internal memory if the identification information is not stored in the first internal memory, before predetermined information different from the identification information is read from the storage medium.

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4. The information terminal device as claimed in claim 3, wherein the storing operation control means

also permits the storing operation of storing the identification information in the first internal memory under a predetermined condition even if the identification information is stored in the first internal memory.

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5. The information terminal device as claimed in any of claims 1-4 further comprising:

10 a second internal memory for storing predetermined information different from the identification information read from the storage medium which is detachably installed in the information terminal device; and

15 storage information controlling means which replaces the predetermined information stored in the second internal memory with predetermined information on the storage medium now installed in the information terminal device if the identification information of the storage medium now installed corresponds to the identification information already stored in the first 20 internal memory.

6. The information terminal device as claimed in claim 5 further comprising:

25 information executing means which executes an operation according to the predetermined information stored in the second internal memory,

30 wherein the storage information controlling means causes the second internal memory to store the predetermined information on the storage medium now installed in the information terminal device under a predetermined condition when the identification information is not stored in the first internal memory.

7. The information terminal device as claimed in claim 5 further comprising:

5 uploading means which supplies information about modification of the predetermined information in the second internal memory to a predetermined center.

10 8. The information terminal device as claimed in claim 5 further comprising:

installation urging means which executes an operation to urges the installation of the storage medium when the installed storage medium, from which the 15 predetermined information is read, is detached from the information terminal device.

9. The information terminal device as claimed 20 in claim 8, wherein the installation urging means stops at least a part of operation.

10. A method of operating an information 25 terminal device comprising:

identification information storing step for storing identification information for identifying a storage medium in a first internal memory of the information terminal device, which identification 30 information is read from the storage medium, the storage medium being detachably installed in the information terminal device.

11. The method of operating an information terminal device as claimed in claim 10 further comprising:
a storing operation controlling step for
5 permitting a storing operation of storing the identification information in the first internal memory in the identification information storing step if the identification information is not stored in the first internal memory, and for forbidding or limiting the
10 storing operation in the identification information storing step after the identification information has been stored in the first internal memory.

15 12. The method of operating an information terminal device as claimed in claim 11, wherein the storing operation controlling step permits the storing operation of storing the identification information in the first internal memory if the identification information is
20 not stored in the first internal memory, before predetermined information different from the identification information is read from the storage medium.

25 13. The method of operating an information terminal device as claimed in claim 12, wherein the storing operation controlling step also permits the storing operation of storing the identification information in the first internal memory under a
30 predetermined condition even if the identification information is stored in the first internal memory.

14. The method of operating an information terminal device as claimed in any of claims 10-13 further comprising:

5 a predetermined information storing step for
storing predetermined information, which is different from
the identification information, in a second internal
memory of the information terminal device, which
predetermined information is read from a storage medium
which is detachably installed in the information terminal
10 device; and

a storage information controlling step for
replacing the predetermined information stored in the
second internal memory by the predetermined information
storing step with predetermined information on the storage
15 medium now installed in the information terminal device if
the identification information of the storage medium now
installed corresponds to the identification information
already stored in the first internal memory.

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15. The method of operating an information terminal device as claimed in claim 14 further comprising:

25 an information executing step for operating the information terminal device according to the predetermined information stored in the second internal memory,

wherein the storage information controlling step causes the second internal memory to store the predetermined information on the storage medium now installed in the information terminal device under a
30 predetermined condition when the identification information is not stored in the first internal memory.

16. The method of operating an information terminal device as claimed in claim 14 further comprising:
an uploading step for supplying information about modification of the predetermined information in the
5 second internal memory to a predetermined center from the information terminal device.

17. The method of operating an information terminal device as claimed in claim 14 further comprising:
an installation urging step for executing an operation to urges the installation of the storage medium when the installed storage medium, from which the predetermined information is read, is detached from the
15 information terminal device.

18. The method of operating an information terminal device as claimed in claim 17, wherein the
20 installation urging step stops at least a part of operation of the information terminal device.

19. An identification information storing program which is a computer readable program for causing an information terminal device in which a storage medium is detachably installed to execute operations comprising:
a first operation of reading identification information from the storage medium for identifying the
25 storage medium; and
a second operation of storing the identification information read in the first operation in an internal
30 memory.

20. A storage medium on which the identification information storing program as claimed in claim 19 is stored.

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21. An information terminal device comprising:
program reading means for reading the identification information storing program from the storage medium as claimed in claim 19 which is detachably installed in the information terminal device;
predetermined information storing means for storing a predetermined information read by the program reading means in an internal memory according to the predetermined information storing program; and
program deleting means for deleting the predetermined information storing program on the storage medium after the predetermined information has been stored in the internal memory by the predetermined information storing means.

22. The information terminal device as claimed in claim 21, wherein the program deleting means also deletes the identification information storing program read from the storage medium by the program reading means.

23. The information terminal device as claimed in claim 21, wherein the program reading means reads the identification information storing program before predetermined information different from the identification information is read from the storage medium.

24. A predetermined information changing program which is a computer readable program for causing an information terminal device in which a storage medium is detachably installed to execute operations comprising:

5 a first operation of determining whether identification information for identifying the storage medium, which has already been stored in a first internal

10 memory of the information terminal device, corresponds to the identification information of the storage medium now installed in the information terminal device; and

15 a second operation of replacing predetermined information, which is different from the identification information, stored in the second internal memory with predetermined information on the storage medium now installed in the information terminal device if both identification information is determined to corresponds each other in the first operation.

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25. A terminal operating program which is a computer readable program for causing an information terminal device in which a storage medium is detachably installed to execute operations comprising:

a first operation of determining whether identification information for identifying the storage medium is stored in a first internal memory;

30 a second operation of storing predetermined information on the storage medium, which is now installed in the information terminal device, in a second internal memory of the information terminal device under a predetermined condition when it is determined in the first

operation that the identification information is not stored in the first internal memory; and

a third operation of causing the information terminal device to operate according to the predetermined information stored in the second internal memory by way of the second operation.

5 26. A storage medium on which the terminal
10 operating program as claimed in claim 25 is stored.

27. A center comprising:

15 information management means for storing information supplied from an information terminal device, said information being about modification of predetermined information stored in an internal memory of an information terminal device,

20 information providing means for providing the information about modification of the predetermined information managed under the information management means under a predetermined condition.